

## **Donald Gubser, PH.D.**



### **Superintendent Materials Science and Technology Division Naval Research Laboratory**



Dr. Donald Gubser is Superintendent of the Materials Science and Technology Division at the Naval Research Laboratory. As such he provides executive direction and technical leadership for an organization that conducts basic research, applied research, and development studies in materials science including functional and structural materials (metals, ceramics, composites, superconductors, semiconductors, magnets). Dr. Gubser entered the Senior Executive Service (SES) in 1987 and has been a US civil servant since 1969 when he joined the Naval Research Laboratory. His initial duties were that of a research physicist specializing in superconductivity, magnetism, and solid state physics. He became head of the Cryogenic Materials Section in 1972, head of the Metal Physics branch in 1981, and Superintendent of the Materials Science and Technology Division in 1987. His duties include national and international coordination of defense materials research and development through membership on the Defense Reliance Panel on Advanced Materials and the international Technical Co-operation Program.

Dr Gubser received his bachelor's of science, master's of science, and PhD (1969) in physics from the University of Illinois. During his research and management career at the Naval Research Laboratory he has published over 130 scientific articles that have been referenced over 1400 times. He is a Fellow in the American Physical Society (APS), a Fellow in the American Materials Society (ASM), a Fellow and distinguished lecturer of the Institute of Electronic and Electrical Engineering (IEEE). He was awarded the Navy Meritorious Civilian Service Award in 1982, the Navy Senior Executive Meritorious Service Award in 1993, and the Leadership award from The Minerals, Metals, and Materials Society (TMS) in 2010. Dr. Gubser is active in the Applied Superconductivity Conference where he has held many leadership positions including President of the ASC Board (2008-2010). He is also active in the International Cryogenic Materials Conference where he is a board member and past Chairperson of their board of directors (2003-2005). He was an officer and Chairperson in the APS Division of Condensed Matter Physics (1992-2001).

Dr. Gubser is active professionally, having served as a scientific reviewer for many government programs, and has served on university and industrial external advisory committees and on national scientific study panels. He has taught at both the George Washington University and The Catholic University in Washington.